

## **SYSTEM AND METHOD FOR COOPERATIVE DATABASE ACCELERATION**

### Abstract of the Disclosure

Embodiments of the systems and methods provide the reliable and persistent data storage of traditional database systems combined with the superior performance of high-speed volatile memory databases. The database server, for example, a SQL server, communicates with a computer data storage device, for example, a computer hard disk drive or other persistent storage device, for permanent storage and maintenance of database data entries or records. The database server additionally communicates with a volatile, main memory database system capable of high-speed performance. The database server can use the persistent database system in combination with the enhanced performance volatile database system to provide both reliability and substantially accelerated database performance.

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